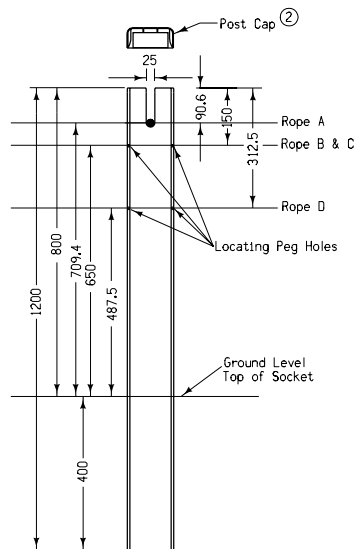
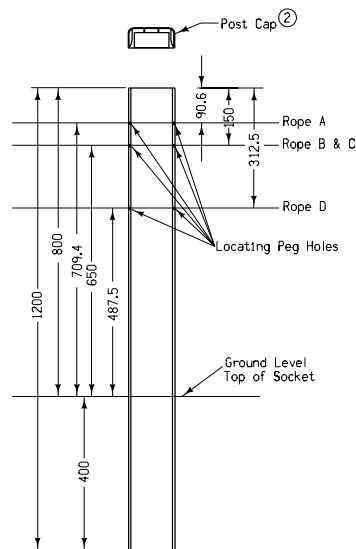


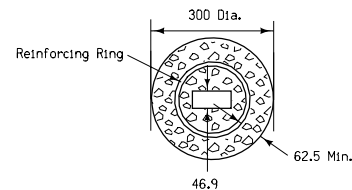
Plan View



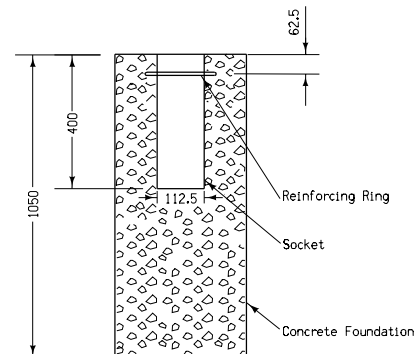
Elevation View  
Post Type 'LON'



Elevation View  
Post Type 'LON'  
(Non-slotted)



Plan View



Elevation View  
Concrete Foundation  
With Socket  
(Posts 5 and greater)

### TENSION CHART

| Ambient Temperature | Rope Tension |
|---------------------|--------------|
| C                   | KN           |
| 38                  | 9.4          |
| 35                  | 11.25        |
| 30                  | 14.00        |
| 25                  | 16.75        |
| 20                  | 19.50        |
| 15                  | 22.25        |
| 10                  | 25.00        |
| 5                   | 27.75        |
| 0                   | 30.50        |
| -5                  | 33.25        |
| -10                 | 36.00        |
| -18                 | 40.40        |

- ① Posts 5 thru 19 are non-slotted line posts.
- ② Every 4th 'LON' post shall have an amber reflector on one side (facing traffic).

All dimensions given in millimeters unless noted.

|          |   |                           |
|----------|---|---------------------------|
| <b>M</b> | <b>Iowa Department of Transportation</b><br>Highway Division    |                           |
|          | <b>STANDARD ROAD PLAN RE-80(2)</b>                              |                           |
|          | REVISION: Flatten concrete foundation top.                      | REVISION NO.<br>1         |
|          | APPROVED BY: <i>William J. Stein</i><br>DESIGN METHODS ENGINEER | REVISION DATE<br>04-19-05 |
|          | <b>WIRE ROPE SAFETY BARRIER</b><br>(Sheet 2 of 2)               |                           |